

OPINION 1114

CORNUSPIRA SCHULTZE, 1854 (FORAMINIFERA):
CONSERVED UNDER THE PLENARY POWERS

RULING.- (1) Under the plenary powers the following names are hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy:

- (a) the generic name *Cyclogyra* Wood, 1842;
- (b) the specific name *multiplex* Wood, 1842, as published in the binomen *Cyclogyra multiplex*.

(2) The generic name *Cornuspira* Schulze, 1854 (gender, feminine), type-species, by subsequent designation by Brady, 1884, *Orbis foliaceus* Philippi, 1844, is hereby placed on the Official List of Generic Names in Zoology with the Name Number 2066.

(3) The specific name *foliaceus* Philippi, 1844, as published in the binomen *Orbis foliaceus* (specific name of type-species of *Cornuspira* Schulze, 1854) is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2647.

(4) The generic name *Cyclogyra* Wood, 1842, as suppressed under the plenary powers in (1) (a) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Number 2093.

(5) The specific name *multiplex* Wood, 1842, as published in the binomen *Cyclogyra multiplex*, and as suppressed under the plenary powers in (1) (b) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Number 1041.

HISTORY OF THE CASE Z.N.(S.) 2051

An application for the suppression of the generic name *Cyclogyra* Wood, 1842, was first received from Dr Richard W. Ponder (*James Cook University of North Queensland, Townsville, Queensland, Australia*) in April 1973. After some correspondence with the author it was sent to the printer on 14 January 1974 and published on 31 July 1974 in *Bull. zool. Nom.* vol. 31: 54–58. Public notice of the possible use of the plenary powers in the case was given in the same part of the *Bulletin* as well as to the statutory serials (Constitution, Art. 12b) and to two palaeontological serials. The application was supported by the Senior Geologist, Geological Survey of Queensland, Dr A.C. Collins (*Geelong, Victoria, Australia*), Dr Ruth Todd (*Vineyard Haven, Mass. 02568, USA*), and Dr M. Hamaoui (*Société Nationale des Pétroles d'Aquitaine, 64001 Pau, France*). No adverse comment was received.

DECISION OF THE COMMISSION

On 22 November 1977 the members of the Commission were invited to vote under the Three-Month Rule on voting paper (1977)25 for or against the proposals set out in *Bull. zool. Nom.* vol. 31: 57–58. At the close of the voting period on 22 February 1978 the state of the voting was as follows:

Affirmative Votes - fourteen (14) received in the following order: Melville, Eisenmann, Alvarado, Vokes, Tortonese, Welch, Mroczkowski, Bayer, Corliss, Starobogatov, Cogger, Heppell, Ride, Nye

Negative Votes - three (3): Holthuis, Sabrosky, Dupuis

Leave of Absence - Bernardi.

Late affirmative votes were received from Brinck and Habe.

No votes were returned by Binder, Kraus and Willink.

The following comments were sent in by members of the Commission with their voting papers:

Holthuis: "As Loeblich & Tappan's (1964) work in the *Treatise of Invertebrate Paleontology* undoubtedly will be followed by many workers in Foraminifera, and since the taxonomy at the generic level of the type-species of *Cornuspira* evidently is not settled (see para 6 of the application), it seems best to apply the Code here strictly. At most the plenary powers should be used to suppress the specific name *multiplex* Wood, 1842."

Sabrosky: "Usage of *Cyclogyra* is too extensive to ignore. Let priority prevail."

Heppell: "There seems to be some confusion over the type-species of *Cornuspira* which should be made clear when the Opinion is published. The applicant states in para 4: 'Schulze (1854). . . described two new species at length . . . and briefly discusses other species belonging to *Cornuspira*. Brady (1884) designated one of these species, *Orbis foliaceus* Philippi (1844) as the type-species.'. In para 5 it is noted that Cushman (1927) 'changed the type designation to *C. planorbis*. . . as Schulze had not listed *C. foliacea* as an included species at the establishment of *Cornuspira*'. Then in para 6 the applicant states: 'Loeblich & Tappan (1964), however, show that *C. foliacea* was one of the names used by Schulze under *Cornuspira* and the original designation by Brady (Cushman, 1917, in Loeblich & Tappan) must stand.'. I have not seen these references and so have not been able to make up my own mind on this point and do not understand whether the designation dates from 1884 or 1917. My vote in favour of the application assumes that the statement quoted from para 6 is unexceptionable."

In view of Mr Heppell's comment, I verified that Schulze, 1854: 41, fn**, expressly included *Orbis foliaceus* Philippi, 1844 in *Cornuspira*, so that Brady's subsequent designation in 1884 is valid. On that occasion Brady synonymised *Cornuspira planorbis* Schulze, 1854, with *C. foliacea* Philippi; that would have constituted a designation of the former as type-species had the latter not been originally included in the genus.

ORIGINAL REFERENCES

The following are the original references for the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

Cornuspira Schulze, 1854, *Ueber den Organismus der Polythalamien (Foraminiferen), nebst Bemerkungen ueber die Rhizopoden im Allgemeinen* (Leipzig): 40

Cyclogyra S.V. Wood, 1842, *Ann. Mag. nat. Hist.* (1) vol. 9:458

foliaceus, *Orbis*, Philippi, 1844, *Enum. Moll. Siciliae*, vol. 2: 147

multiplex, *Cyclogyra*, S.V. Wood, 1842, *Ann. Mag. nat. Hist.* (1) vol. 9: 458.

The following is the original reference to a type-species fixation accepted in the present Opinion:

of *Orbis foliaceus* Philippi, 1844 for *Cornuspira* Schulze, 1854, by Brady, 1884, *Rept Voy. Challenger*, Zool. vol. 9: 199.

CERTIFICATE

I certify that the votes cast on voting paper (77)25 were cast as set out above, that the proposal contained in that voting paper has been duly adopted under the plenary powers, and the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion No. 1114.

R.V. MELVILLE

Secretary

International Commission on Zoological Nomenclature

London

10 May 1978